

Antenna Test Report

Customer Name: YUANDING

Project Name: T1PROWR

Report version: 2025.2.18 A0

Version	Report date	Remark
A0	2025.2.18	Passive data
A1		
A2		
A3		
A4		
A5		
A6		
A7		
A8		
A9		

1.Resume·····

2.Project Overview·····

3.Company test environment introduction ·····

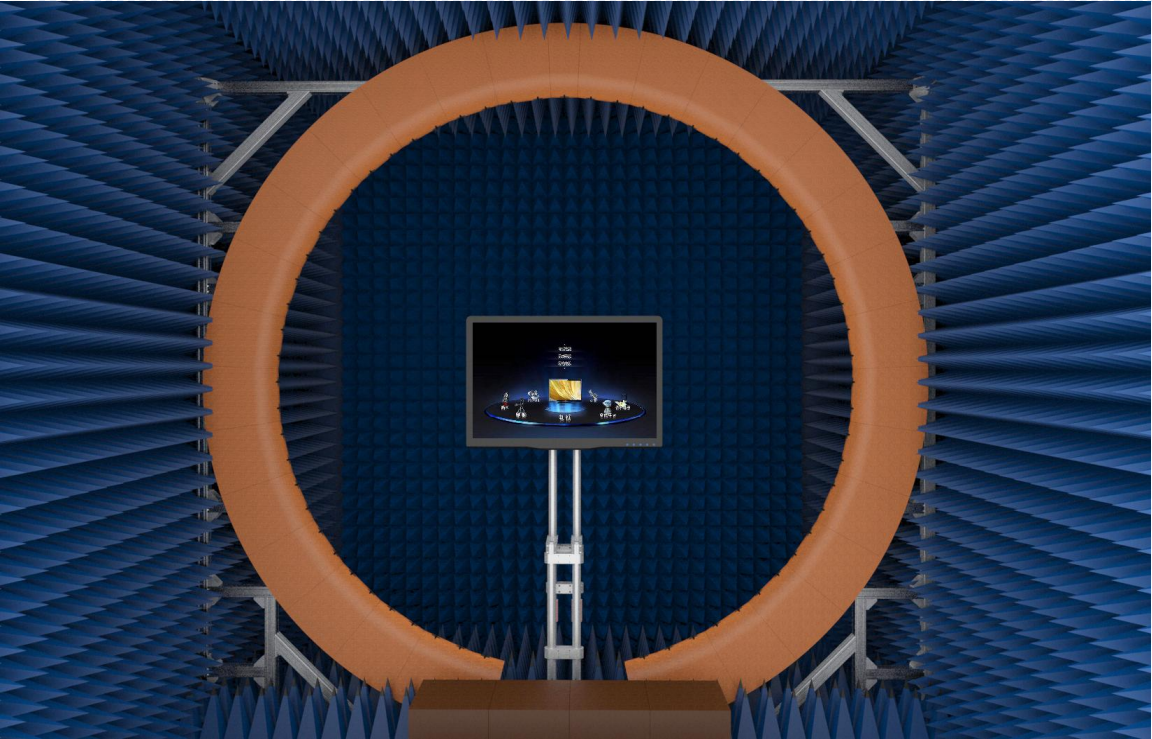
4.Antenna assembly location·····

5.WIFI-related data.....

6.Whole machine environmental processing.....

7.Summary ·····

Debug machine	Debug machine	Project pictures
Device type	/	
Number of antennas	2	
Frequency band	2.4G WIFI+BT	
Structural style	FPC	
Environment adjustment	unchanged	
Matching modification	unchanged	



The industry's top 64 sensors OTA chamber

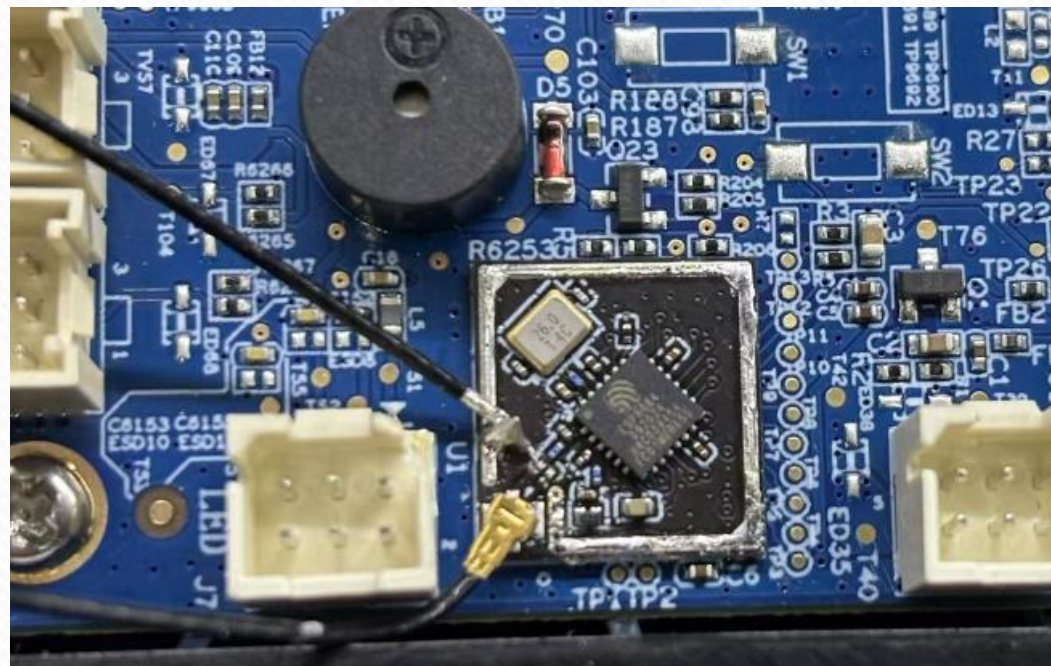
Frequency range: 400MHz-11GHz

Device Llimitation: 2M

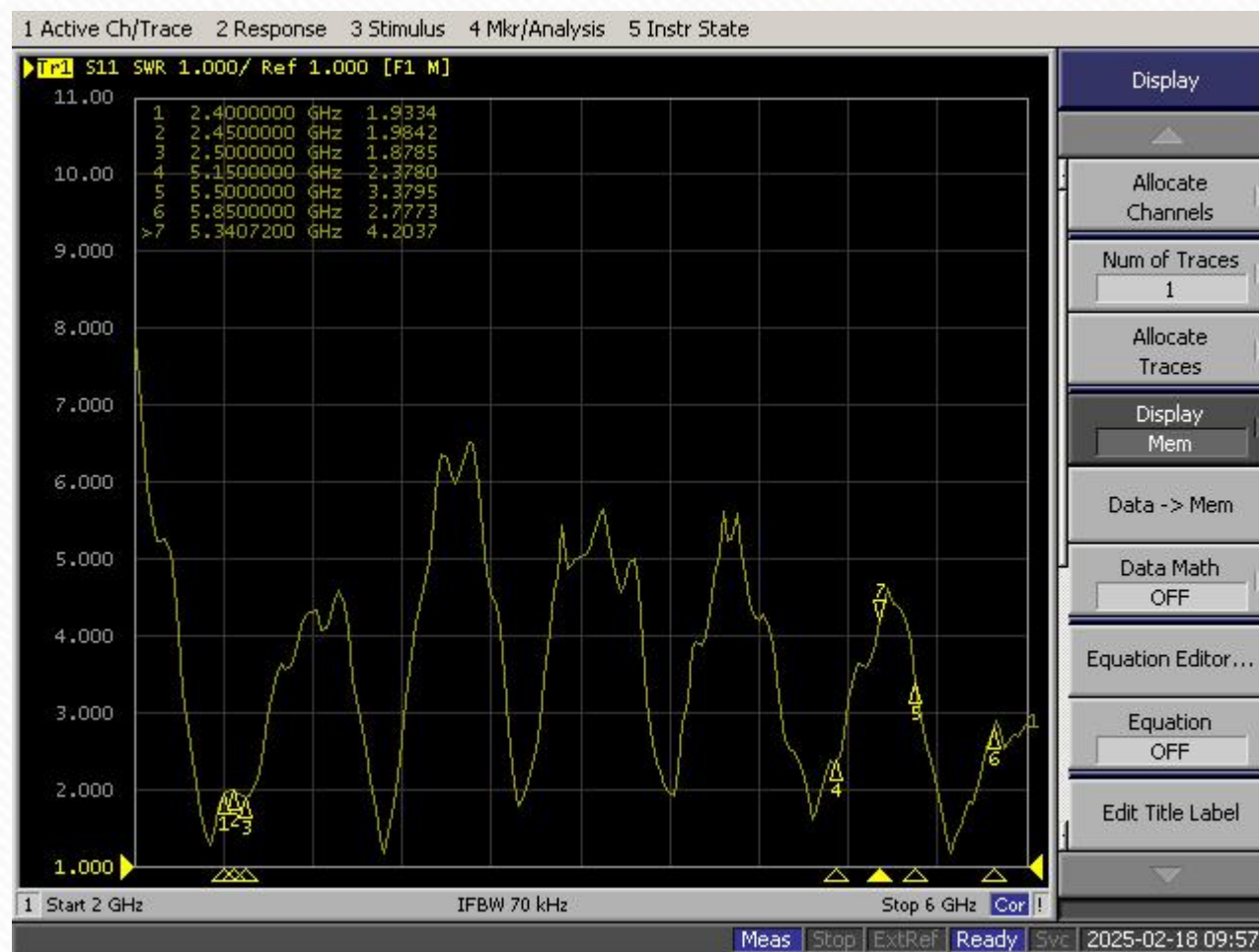
Load-bearing limitation:100KG

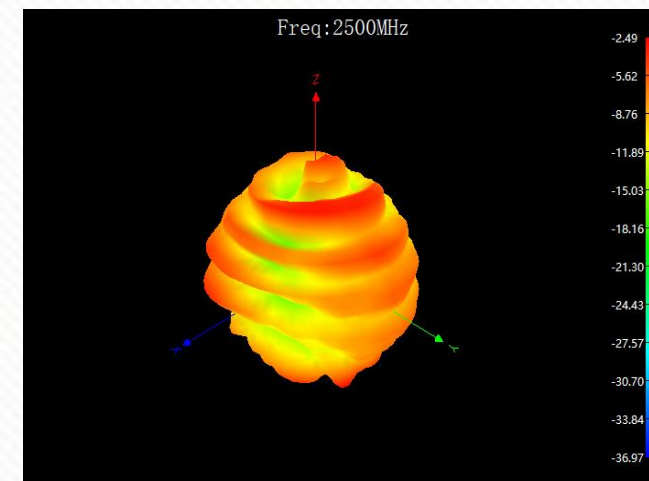
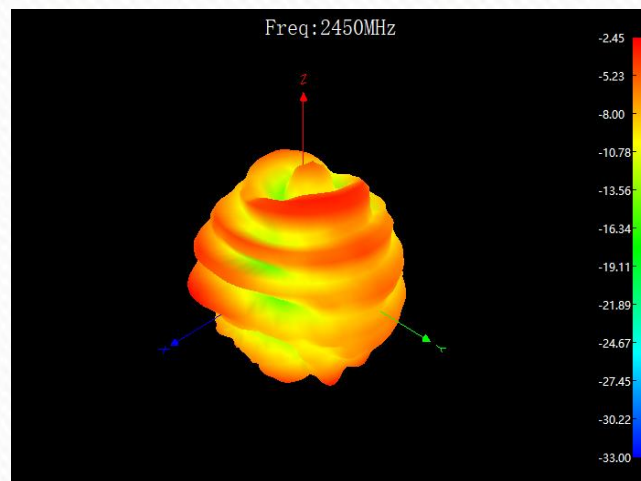
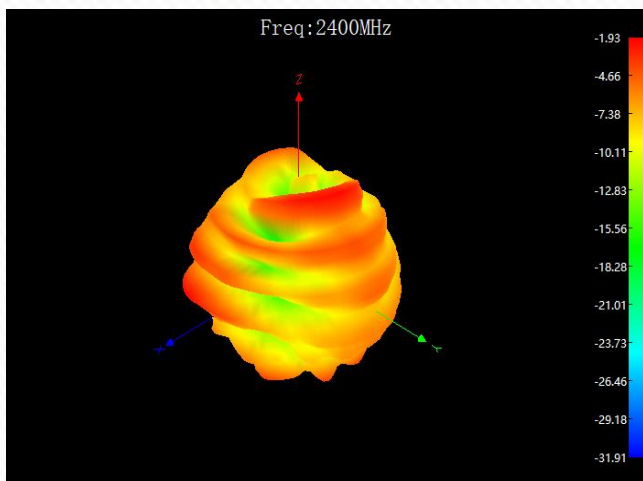
Equipments Items	Total Quantity	Quantity for Shanghai R&D	Quantity for Shenzhen R&D	Quantity for ChongQing R&D
OTA chamber	10	4	5	1
5G Tester (SP9500-CTS)	3	1	1	1
R&S Tester (high configuration CMW500)	6	3	2	1
Japan Anritsu Tester (Dual Channel 8820)	4	2	2	--
NB-IoT Tester (SP8315)	3	1	1	1
Agilent Tester (8960)	9	4	4	--
Agilent Network Analyzer (E5062A)	7	3	3	1
Agilent Network Analyzer (E5071C 8.5GHZ)	11	5	5	1
Agilent Network Analyzer (E5071B 8.5GHZ)	7	3	3	1
R&S Network Analyzer (ZND)	9	4	4	1
R&S Network Analyzer (ZVB)	3	1	1	1
OTA head hand / ear hand / arm hand	5	2	2	1
GPS/WIFI active test equipment	5	2	2	1

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	36.48	-1.93
2410	35.32	-2.07
2420	36.31	-1.63
2430	34.04	-2.23
2440	34.51	-2.23
2450	35.24	-2.45
2460	33.5	-2.98
2470	34.99	-2.8
2480	32.66	-2.88
2490	32.58	-2.78
2500	33.27	-2.49



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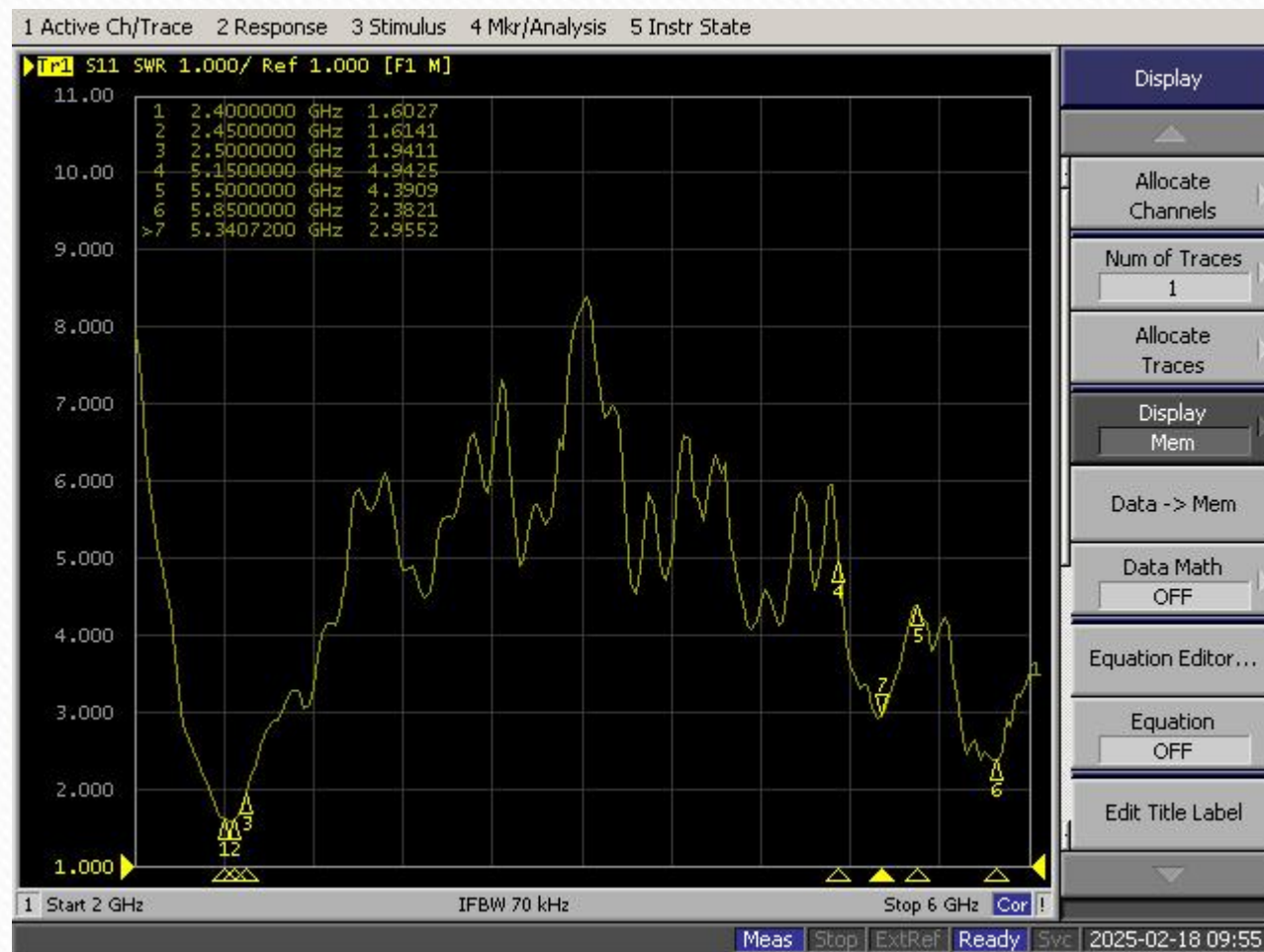


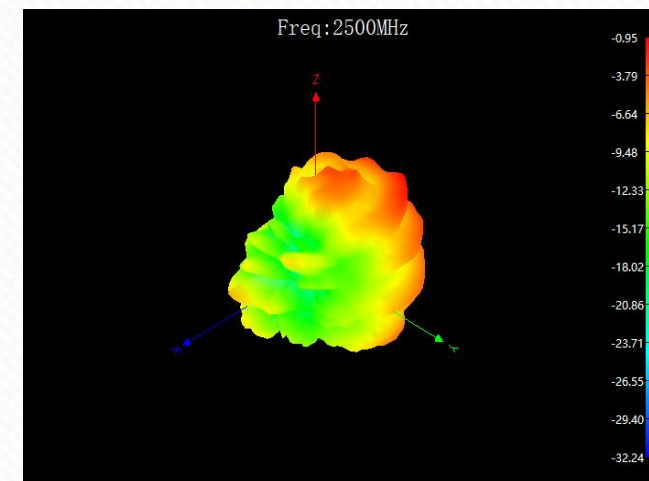
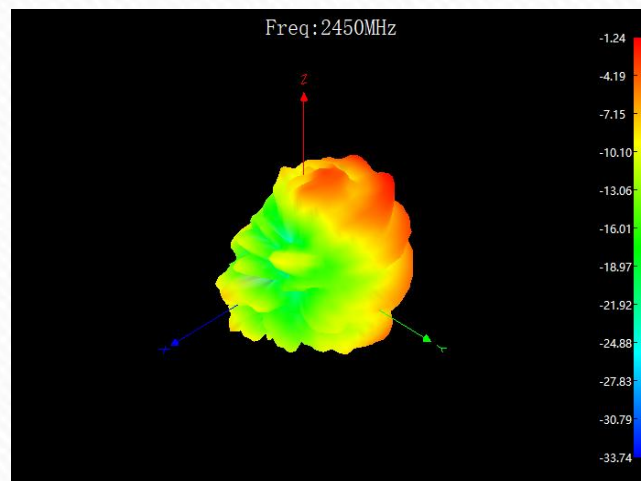
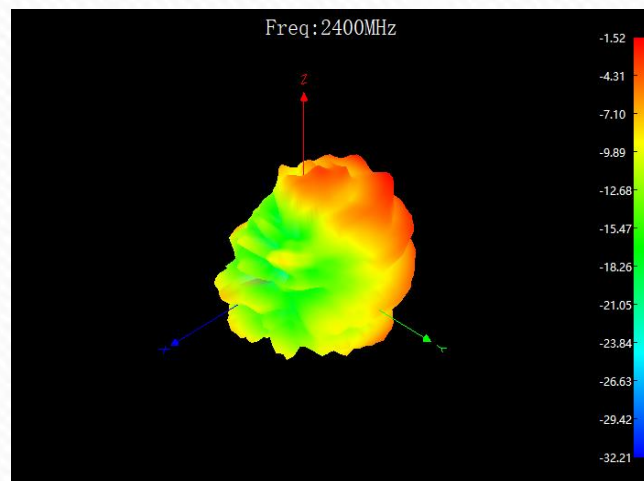


Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	36.14	-1.52
2410	34.75	-1.8
2420	35.89	-1.23
2430	33.65	-1.79
2440	34.04	-1.47
2450	34.91	-1.24
2460	32.96	-1.48
2470	34.75	-1.01
2480	32.28	-1.29
2490	32.21	-1.28
2500	33.19	-0.95



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Thank You

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